

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please amend claims 1, 5, 9, 13, and 15 in accordance with the following:

1. (CURRENTLY AMENDED) A two-dimensional data processing apparatus comprising:

operating means for inputting two-dimensional data, and for outputting one piece of two-dimensional data obtained after an entirety of rows or columns of said input two-dimensional data is subjected selectively to one of a plurality of predefined operations, including one or more operations for converting tabular formats between rows and columns, the one piece of output two-dimensional data having a different ~~configuration~~ tabular format from the input two-dimensional data;

designating means for designating an operation type which specifies said operation by said operating means, and an input target and an output target of said operation;

recording means for recording at least one set of operation contents in the designated order of said operation contents, with the operation type, input target and output target designated through said designating means being one set of operation contents; and

activating means for sequentially reading out said operation contents recorded by said recording means, and for selectively activating one operation for said operating means based on the operation type, input target and output target of said operation contents.

2. (PREVIOUSLY PRESENTED) The two-dimensional data processing apparatus of claim 1, wherein said recording means records said operation contents as two-dimensional data.

3. (PREVIOUSLY PRESENTED) The two-dimensional data processing apparatus of claim 1, further comprising:

execution-time designating means for designating the input target and the output target of said operation by said operating means, at execution time of said operation; and

wherein said activating means selectively activates one operation of said operating means based on the input target and the output target designated by said execution-time

designating means, when a specific identifier is included in said operation contents recorded by said recording means.

4. (PREVIOUSLY PRESENTED) The two-dimensional data processing apparatus of claim 1, wherein the input target and the output target of said operation by said operating means are specified by another piece of two-dimensional data.

5. (CURRENTLY AMENDED) A two-dimensional data processing method comprising:

inputting two-dimensional data, and outputting one piece of two-dimensional data obtained after an entirety of rows or columns of said input two-dimensional data is subjected selectively to one of a plurality of predefined operations, including one or more operations for converting tabular formats between rows and columns, the one piece of ~~output~~ two-dimensional data having a different ~~configuration~~ tabular format from the input two-dimensional data;

designating an operation type which specifies one of the plurality of predefined operations, and an input target and an output target of the specified operation;

recording at least one set of operation contents in the designated order of said operation contents, with the operation type, input target and output target being one set of operation contents; and

sequentially reading out said operation contents, and selectively activating the specified operation based on the operation type, input target and output target of said operation contents.

6. (PREVIOUSLY PRESENTED) The two-dimensional data processing method of claim 5, wherein said recording records said operation contents as two-dimensional data.

7. (PREVIOUSLY PRESENTED) The two-dimensional data processing method of claim 5, further comprising:

designating the input target and the output target of the specified operation at an execution time of the specified operation; and

selectively activating the specified operation based on the input target and the output target designated, when a specific identifier is included in said operation contents recorded by said recording.

8. (PREVIOUSLY PRESENTED) The two-dimensional data processing method of

claim 5, wherein the input target and the output target of the specified operation are specified by another piece of two-dimensional data.

9. (CURRENTLY AMENDED) A computer readable recording medium recorded with a two-dimensional data processing program for rendering a computer to perform:

inputting two-dimensional data, and outputting one piece of two-dimensional data obtained after an entirety of rows or columns of said input two-dimensional data is subjected selectively to one of a plurality of predefined operations, including one or more operations for converting tabular formats between rows and columns, the one piece of ~~output~~ two-dimensional data having a different ~~configuration~~ tabular format from the input two-dimensional data;

designating an operation type which specifies one of the plurality of predefined operations, and an input target and an output target of the specified operation;

recording at least one set of operation contents in the designated order of said operation contents, with the operation type, input target and output target being one set of operation contents; and

sequentially reading out said operation contents, and for selectively activating the specified operation based on the operation type, input target and output target of said operation contents.

10. (PREVIOUSLY PRESENTED) The computer readable recording medium recorded with a two-dimensional data processing program of claim 9, wherein said recording records said operation contents as two-dimensional data.

11. (PREVIOUSLY PRESENTED) The computer readable recording medium recorded with a two-dimensional data processing program of claim 9, further comprising:

designating the input target and the output target of the specified operation at execution time of the specified operation; and

selectively activating the specified operation based on the input target and the output target designated, when a specific identifier is included in said operation contents recorded by said recording.

12. (PREVIOUSLY PRESENTED) The computer readable recording medium recorded with a two-dimensional data processing program of claim 9, wherein the input target and the output target of the specified operation are specified by another piece of two-

dimensional data.

13. (CURRENTLY AMENDED) A two-dimensional data processing method comprising:

inputting two-dimensional data, and outputting one piece of two-dimensional data obtained after an entirety of rows or columns of the input two-dimensional data is subjected to one of a plurality of predefined operations, including one or more operations for converting tabular formats between rows and columns;

wherein the one piece of ~~output~~ two-dimensional data has a different ~~configuration~~ tabular format from the input two-dimensional data.

14. (CANCELLED)

15. (CURRENTLY AMENDED) A two-dimensional data processing method comprising:

inputting two-dimensional data, and outputting one piece of two-dimensional data obtained after an entirety of rows or columns of said input two-dimensional data is subjected selectively to one of a plurality of predefined operations, including one or more operations for converting tabular formats between rows and columns;

wherein the one ~~output~~ piece of two-dimensional data comprises a different ~~configuration~~ tabular format or number of data elements from the input two-dimensional data.